



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLN. OF: MANSURIPUR et al.  
SERIAL NO.: 10/600,935  
FILED: June 20, 2003  
FOR: Information Storage and Retrieval Device Using Macromolecules...  
DOCKET: UA 02-023

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

In connection with the above-entitled matter, Applicants hereby proffer U.S. Patent Office Form PTO-1449, including copies of the references listed therein. These references are discussed in the specification. The claims in the present application are believed to be patentably distinguished over these references.

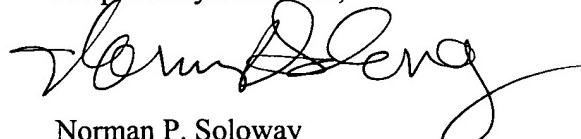
This Information Disclosure Statement is being made pursuant to the duty of disclosure imposed by law and formulated in 37 CFR 1.56(A). No representation is made that the information thus disclosed in fact constitutes prior art or that it is the closest prior art, inasmuch as 37 CFR 1.56(A) relies on a materiality concept which depends on subjectivity.

The enclosed Information Disclosure Statement is being submitted prior to issuance of the first action on the merits. Therefore, we believe there are no fees involved with this Information Disclosure Statement. In the event there are any fee deficiencies or additional fees are payable, please charge them (or credit any overpayment) to our Deposit Account No. 08-1391.

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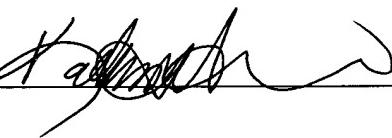
Respectfully submitted,



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Attorney for Applicants  
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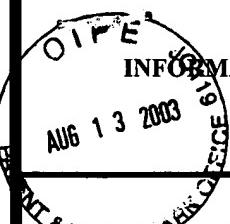
**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 11, 2003 at Tucson, Arizona.

By: 

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**INFORMATION DISCLOSURE CITATION**  
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**Docket Number (Optional)**

UA 02-023

**Application Number**

10/600,935

**Applicant(s)**

**Filing Date**

June 20, 2003

Group Art Unit

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

**OTHER DOCUMENTS**    *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		"A Molecular Shift Register Based on Electron Transfer" Hopfield et al., Science, 241, 1998 pgs. 817-820
		"The Design of a Biochip: A Self-Assembling Molecular-Scale Memory Device" Robinson et al., Protein Engineering, Vol. 1, No. 4, 1987, pgs. 295-300

**EXAMINER** \_\_\_\_\_ **DATE CONSIDERED** \_\_\_\_\_

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<div style="text-align: right; margin-bottom: 5px;"> <span style="border: 1px solid black; border-radius: 50%; padding: 2px 5px; font-weight: bold;">OIE AUG 13 2003 PATE</span> </div>	Docket Number (Optional) <b>UA 02-023</b>	Application Number <b>10/600,935</b>
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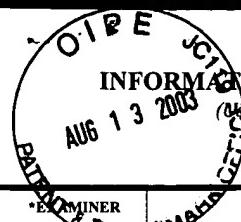
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	"Substituted Polyacetylenes Through the Ring-Opening Metathesis Polymerization (ROMP) of Substituted Cylooctatertraenes: A Route into Soluble Polyacetylene" Gorman et al., Synthetic Metals 41-43, 1991 pgs. 1033-1038
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	"Voltage-Driven DNA Translocations Through a Nanopore" Meller et al., Physical Review Letters, Volume 86, No. 15, 2001 pgs. 3435-3438
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	"Ion-Beam Sculpting at Nanometre Length Scales" Li et al., Letters to Nature, Vol. 412, 2001, pgs. 166-169
	"Self-Assembling Organic Nanotubes" Bong et al., Organic Nanotubes, 2001, pgs. 988-1011

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	"Nanoliter-Volume Discrete Drop Injection and Pumping in Microfabricated Chemical Analysis Systems" Handique et al., Solid-State Sensor and Actuator Workshop Hilton Head Island, South Carolina, 1998, pgs. 346-349
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	"Two-Photon Polymerization Initiators for Three-Dimensional Optical Data Storage and Microfabrication" Cumpston et al Nature 398, 1999, pgs. 1-6

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